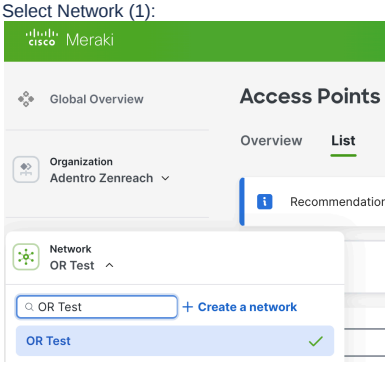
Meraki Customer Configuration Guide

Adentro Overview

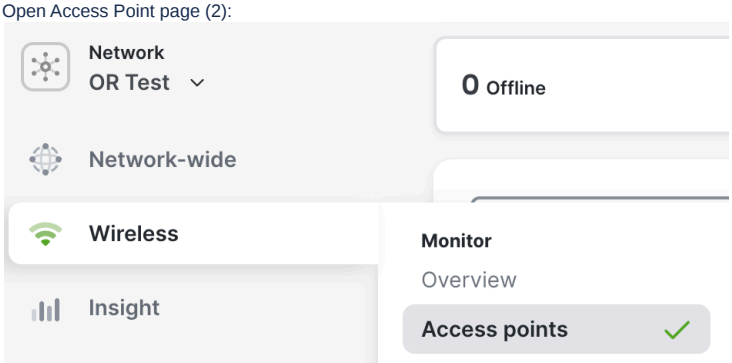
Adentro provides consumers with an amazing WiFi experience at their favorite spots, while helping to grow local businesses by better engaging and targeting their customers. By offering a branded captive portal for your guest WiFi network, customers are given the ability to opt-in to targeted messaging sent using the Adentro platform.

Adentro Configuration

In order to associate your MR or MX access point(s) with your business information, Adentro will need the MAC address of each individual access point that will be broadcasting the integrated SSID. You can find this information in your Meraki Cloud Dashboard. **** Disable any other guest networks that are running on other wireless networks to achieve the best results with Adentro ****
Select the network (Image 1) you will be adding to the Adentro system. Under the **`Wireless`** tab, click **`Access points`** (Image 2) and copy the information for all of your access points to associate them with your Adentro account. Copy all MAC addresses and serial numbers found on this page and forward it to your Adentro Account Manager (Image 3). Without completion of this step, guests will receive a "404" error on the captive portal.
Select Network (1):



Open Access Point page (2):



Copy list of Access Points (3):

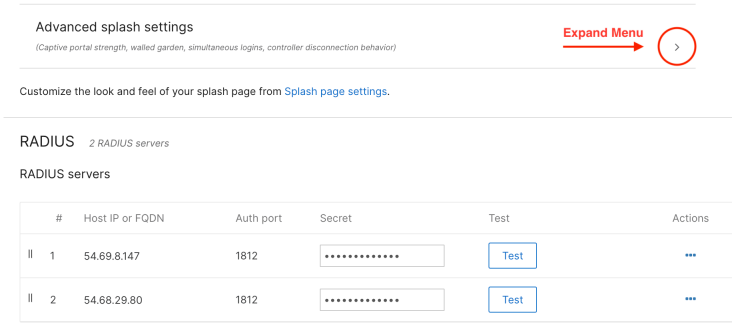
	MAC address	Serial number	Model
☐	2c:3f:0b:b2:1d:10	Q2PD-6PV6-U4WY	MR33
☐	2c:3f:0b:b2:1d:1c	Q2PD-6Q4S-GQJ5	MR33
☐	f8:9e:28:71:2c:70	Q2PD-P6YW-Z7J5	MR33
☐	f8:9e:28:71:3a:23	Q2PD-RXAC-PW8H	MR33

Meraki Configuration

All configuration takes place in the Meraki Cloud Dashboard.

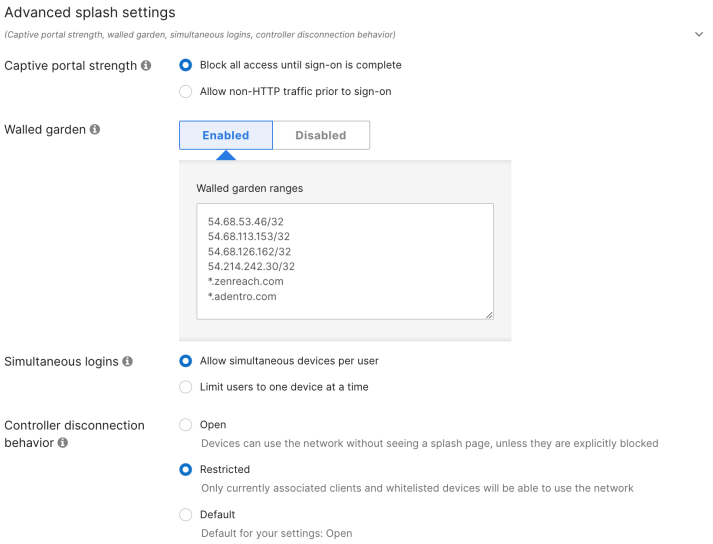
Configure Access Control
Under the **`Wireless`**, then **Access Control** tab (NOTE: for Meraki MX models it is **`Security Appliance`**, then **`Access Control`** tab), select the SSID for the guest network you wish to enable the Adentro portal on. Set the network's encryption scheme to **`open`** in the **`Association Requirements`** section.

In the **`Splash page`** section, set the "Sign-on with" option to **`my RADIUS server`**. Expand the "Advanced splash settings" menu to show the walled garden settings.


Advanced splash settings
(Captive portal strength, walled garden, simultaneous logins, controller disconnection behavior)
Expand Menu
Customize the look and feel of your splash page from Splash page settings.
RADIUS
2 RADIUS servers
RADIUS servers
Host IP or FQDN Auth port Secret Test Actions
1 54.69.8.147 1812 Test
2 54.68.29.80 1812 Test

Set the following Walled Garden settings:

- **Captive portal strength:** Block all access until sign-on is complete.
- **Walled garden:** Walled garden is enabled
- **Walled garden ranges:**
  - 54.68.53.46/32
  - 54.68.113.153/32
  - 54.68.126.162/32
  - 54.214.242.30/32
  - *.adentro.com
  - *.zenreach.com
- **Simultaneous logins:** Allow simultaneous devices per user
- **Controller disconnection behavior:** Restricted: only currently associated clients.....



In the **`RADIUS for splash page`** section, enter the following server information:

- **Host:** 54.69.8.147
- **Port:** 1812
- **Secret:** 8fc40973252c42e196489d4a16849ff8
- **Host:** 54.68.29.80
- **Port:** 1812
- **Secret:** 8fc40973252c42e196489d4a16849ff8

RADIUS *2 RADIUS servers, 2 accounting servers*

RADIUS servers

#	Host IP or FQDN	Auth port	Secret	Test	Actions
1	54.69.8.147	1812	••••••••••••	Test	•••
2	54.68.29.80	1812	••••••••••••	Test	•••

Add server 3 max.

Note: If the following **`RADIUS accounting`** feature is not available on your Meraki dashboard, skip this portion of the integration and proceed to the "Splash Page" settings below.
In the **`RADIUS accounting`** section, enter the following server information:

- **Host:** 54.69.8.147
- **Port:** 1813
- **Secret:** 8fc40973252c42e196489d4a16849ff8
- **Host:** 54.68.29.80
- **Port:** 1813
- **Secret:** 8fc40973252c42e196489d4a16849ff8
- **Data-carrier detect**: Disable

RADIUS accounting servers

#	Host IP or FQDN	Acct port	Secret	Actions
1	54.69.8.147	1813	••••••••••••	•••
2	54.68.29.80	1813	••••••••••••	•••

Add server 3 max.

Configure Splash Page
Select the **`Wireless`**, then **`Splash page`** tab on the left (NOTE: for Meraki MX models it is **`Security Appliance`**, then **`Splash page`**), and select a custom URL. Enter the following information:

- **URL:** https://gateway.wifast.com/meraki/

Custom splash URL

Or provide a URL where users will be redirected: https://gateway.wifast.com/meraki/

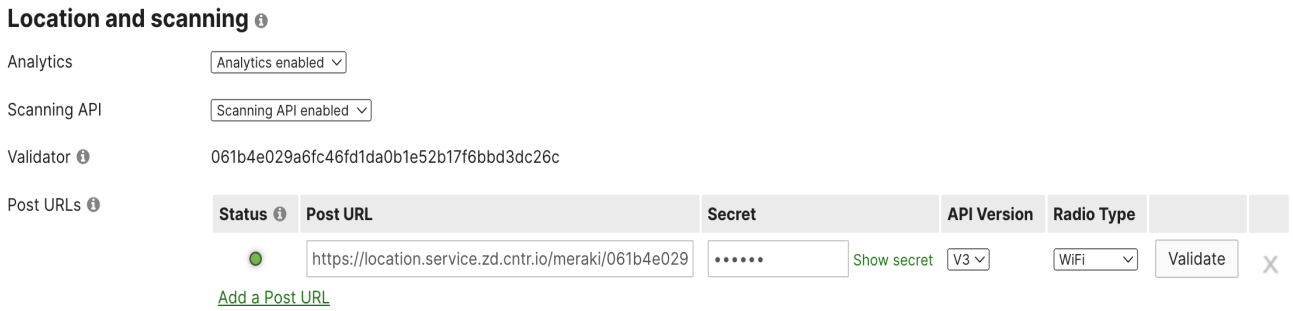
What is this?

Configure Location and Scanning
Under the **`Network-wide Settings`** tab, click **`General`** and scroll down to the **`Location and scanning`** section. Set the following options:

- **Analytics:** Analytics enabled
- **Scanning API:** Scanning API enabled
- **Post URLs:** Add a post URL with the following information:
  - **Post URL:** https://location.prod.cntr.io/meraki/****YOUR VALIDATOR CODE****
  - **Secret:** Laepael9lu1iique
  - **API Version**: V3

You **must** append your validator code (shown under the "Validator" heading) to the end of the post URL. Press validate to confirm that the information entered is

correct. Make sure to click "Save" to set the changes.



Walled Garden for Social Login

A walled garden is a list of websites whitelisted for access before the user is authenticated. Prior to enabling the Social Login feature, the walled garden will need to be configured for each of the respective social network.

Facebook

By default the Meraki Dashboard only accepts IP ranges in the walled garden.
Add the following IP ranges to the Walled garden ranges:

- 31.13.24.0/21
- 31.13.64.0/18
- 45.64.40.0/22
- 66.220.144.0/20
- 69.63.176.0/20
- 69.171.224.0/19
- 74.119.76.0/22
- 103.4.96.0/22
- 129.134.0.0/16
- 157.240.0.0/16
- 173.252.64.0/18
- 179.60.192.0/22
- 185.60.216.0/22
- 204.15.20.0/22

Twitter

The following IP addresses can be added to the walled garden for Twitter:

- 8.25.194.0/23
- 8.25.196.0/23
- 104.244.40.0/21
- 185.45.4.0/22
- 192.133.76.0/22
- 199.16.156.0/22
- 199.59.148.0/22
- 199.96.56.0/21
- 202.160.128.0/22
- 210.163.219.24/32

Alternatively (and preferably), domain names with wildcards can be enabled by contacting Meraki support, and the following entries can be used instead.

FACEBOOK

- *.facebook.com
- *.facebook.net
- *.fbcdn.net
- *.akamaihd.net

TWITTER

- *.twitter.com
- *.twimg.com